

Converting Colors

CIELCh(44, 7.374, 158.704)

Have a look what the booklet for
CIELCh(44, 7.374, 158.704) contains.

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Color

CIELCh(44, 7.220, 157.077)

Conversions

Conversions Part 1

Format	Color
Hex	5E6B63
RGB	94, 107, 99
RGB Percent	37%, 42%, 39%
CMY	0.6308, 0.5798, 0.6112
CMYK	0.12, 0.00, 0.07, 0.58
HSL	143°, 6%, 39%
HSV	143°, 12%, 42%
XYZ	12.1641, 13.8382, 13.8718
YIQ	102.2010, -5.1800, -5.2440

Conversions

Conversions Part 2

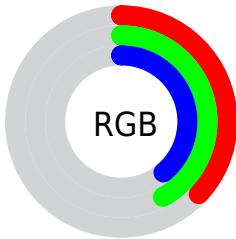
Format	Color
R_{YB}	94, 103, 107
Decimal	6187875
CIE Lab	44.00, -6.65, 2.81
CIE LCh	44, 7.220, 157.077
Yxy	13.8382, 0.3051, 0.3470
Android (android.graphics.Color)	4284377955 (0xFF5E6B63)
YUV	102.2010, -1.5781, -7.1923
Hunter-Lab	37.1997, -6.7312, 3.9306

Details

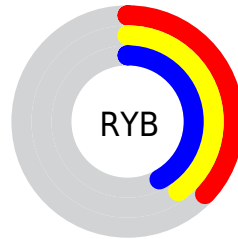
The CIELCh color **44, 7.220, 157.077** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 7.284, 338.745**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 7.009, 159.359**, and **24, 7.185, 158.033** is the 20% darker color. If you saturate the color by 10%, you get **43, 13.185, 156.241**, and if you desaturate by 10%, it is **45, 1.262, 157.956**.

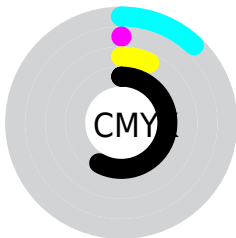
Distribution



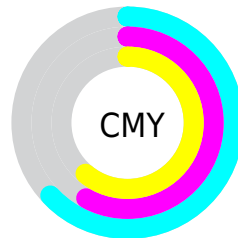
- Red (37%)
- Green (42%)
- Blue (39%)



- Red (37%)
- Yellow (40%)
- Blue (42%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (58%)



- Cyan (63%)
- Magenta (58%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 7.220, 157.077 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 44, 7.220, 157.077 by changing the saturation by 10% instead.

■ 44, 7.220, 157.077	■ 44, 7.220, 157.077
■ 100, 7.220, 157.077	■ 34, 7.220, 157.077
■ 64, 7.220, 157.077	■ 24, 7.220, 157.077
■ 74, 7.220, 157.077	■ 14, 7.220, 157.077
■ 84, 7.220, 157.077	■ 4, 7.220, 157.077
■ 94, 7.220, 157.077	■ 0, 7.220, 157.077

■ 44, 7.220, 157.077	■ 44, 7.220, 157.077
■ 43, 13.185, 156.241	■ 45, 1.262, 157.956
■ 42, 19.087,	■ 46, 4.638, 338.377

155.312

47, 10.438,
338.997

41, 24.844,
154.261

49, 16.111,
339.543

41, 30.367,
153.069

50, 21.636,
340.039

40, 35.559,
151.716

52, 27.004,
340.495

40, 40.332,
150.187

53, 32.209,
340.916

39, 44.611,
148.479

55, 37.252,
341.307

39, 48.358,
146.607

56, 42.133,
341.673

39, 51.104,
145.241

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44, 7.220, 157.077



41, 7.284, 338.745

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44, 7.220, 157.077



44, 7.220, 207.077



44, 7.220, 337.077



44, 7.220, 27.077

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44, 7.221, 157.075



58, 2.956, 157.730



45, 8.031, 124.324



30, 2.118, 157.674



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44, 7.221, 157.075



56, 11.139, 156.809



44, 5.306, 188.950



22, 3.338, 157.327



43, 54.790, 144.999



85, 97.156, 143.641

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



41, 7.284, 338.745



52, 11.256, 338.996



41, 5.615, 10.742



21, 3.362, 338.502



25, 49.961, 350.327



54, 85.064, 352.153

Previews

White Background



This preview shows how the CIE LCh color 44, 7.220, 157.077 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 44, 7.220, 157.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

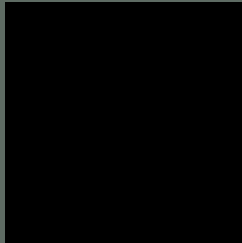
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 7.220, 157.077

Background



This preview shows how black text looks on a background with the CIELCh color 44, 7.220, 157.077.



This preview shows how white text looks on a background with the CIELCh color 44, 7.220, 157.077.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

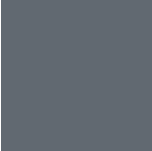
44, 7.220, 157.077

Protanopia

44, 3.955, 84.261

Deuteranopia

44, 6.372, 14.818



Tritanopia
44, 5.663, 257.268

Trichromacy



Original Color

44, 7.220, 157.077

Protanomaly

44, 4.373, 126.255

Deuteranomaly

44, 2.443, 66.532

Tritanomaly

44, 4.136, 215.908

Monochromacy



Original Color

44, 7.220, 157.077

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 2.750, 158.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 7.220, 157.077 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(94, 107, 99)` looks like.

```
.text, #text, p{  
    color:rgb(94, 107, 99)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(94, 107, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 107, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 7.220, 157.077 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 107, 99) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(94, 107, 99) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(94, 107, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 107, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 107, 99);  
box-shadow:4px 4px 4px 4px rgb(94, 107,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 7.220, 157.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 107, 99) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(94, 107,  
99) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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